

All dimensions in bending diagram are out to out.

Hooks and bends shall be in accordance with the CRSI Manual of Standard Practice for Detailing Reinforced Concrete Structures, Stirrup and Tie Dimensions.

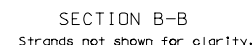
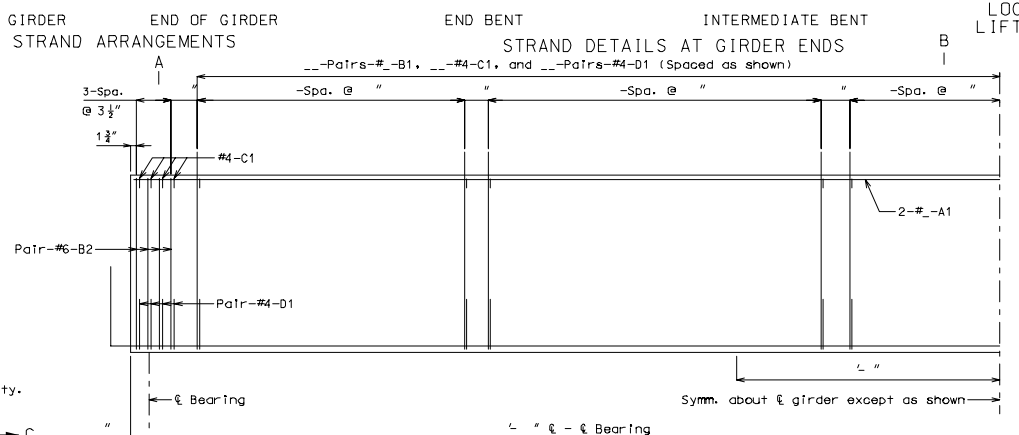
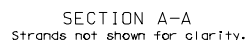
Actual lengths are measured along centerline of bar to the nearest inch.

Minimum clearance to reinforcing shall be 1".

All reinforcement shall be Grade 60.

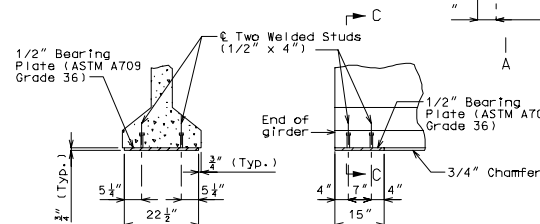
The two D1 bars may be furnished as one bar at the fabricator's option.

All B1 bars shall be epoxy coated.

B1 BAR PERMISSIBLE  
ALTERNATE SHAPE

HALF ELEVATION OF GIRDER SPAN ( - )

Exterior and interior girders are the same except for coil ties.



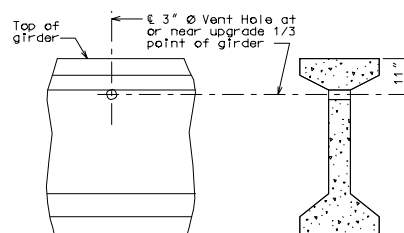
SECTION C-C

PART ELEVATION AT  
END OF GIRDER

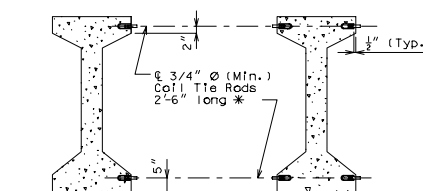
BEARING PLATE DETAILS

Galvanize the 1/2" bearing plate (ASTM A709 Grade 36) in accordance with ASTM A123.

Cost of furnishing, galvanizing, and installing the 1/2" bearing plate (ASTM A709 Grade 36) and welded studs in the prestressed girder shall be included in the price bid for Prestressed Concrete I-girder per each.

PART ELEVATION  
OF GIRDERPART SECTION NEAR  
VENT HOLE

Place vent holes at or near upgrade 1/3 point of girders and clear reinforcing steel or strands by 1-1/2" minimum and steel intermediate diaphragm bolt connections by 6" minimum.



EXTERIOR GIRDERS  
AT INT. BENTS

EXTERIOR GIRDERS  
AT END BENTS  
INTERIOR GIRDERS  
AT ALL BENTS

### DETAILS OF COIL TIES

Cost of 3/4" Ø coil tie rods placed in diaphragms is included in contract unit price for Prestressed Concrete I-Girder.

Coil ties shall be held in place in the forms by slotted wire-setting-studs projecting thru forms. Studs are to be left in place or replaced with temporary plugs until girders are erected, then replaced by coil tie rods.

For location of coil inserts at slab drains, see sheet no. \_\_.

For location of coil ties, see sheets  
no.      &      .

The 1-1/2"  $\varnothing$  holes shall be cast in the web for steel intermediate diaphragms. Drilling is not allowed.

For detail of diaphragms, see sheets  
no. 1 & 2.

For Girder Camber Diagram, see  
sheet no. .

\* Length of coil tie rods at exterior  
girders at end bents =  $\frac{L}{2}$  "

Detailed -----  
Checked -----

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of